

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 - 16. (Canceled)

1 17. (New): A computer system comprising:
2 a first storage system comprising a first disk controller for receiving data from a
3 host computer and one or more first disks each of which is coupled to the first disk controller;
4 a second storage system comprising a second disk controller and one or more
5 second disks each of which is coupled to the second disk controller; and
6 a network to which the first storage system and the second storage system are
7 operatively coupled,
8 wherein the first disk controller stores data received from the host computer to a
9 first storage area of the first storage system and sends the data to the second storage system,
10 wherein the second disk controller stores data received from the first disk
11 controller to a third storage area of the second storage system,
12 wherein, after the first storage system receives a first instruction from the host
13 computer, the first disk controller:
14 sends to the second disk controller, as received data, first data that is
15 stored in the first storage area at a time when the first instruction was received;
16 receives from the host computer update data corresponding to the first
17 data; and
18 manages the update data such that the update data can be distinguished
19 from the first data,
20 wherein the second disk controller stores the received data to the third
21 storage area,

22 wherein the first disk controller sends a second instruction to the second disk
23 controller, and after the second instruction is sent, the first disk controller sends the update data
24 to the second disk controller.

1 18. (New): The computer system of claim 17 wherein after the second disk
2 controller receives the second instruction from the first disk controller, the second disk controller
3 stores the received first data from the third storage area to a fourth storage area in the second
4 storage system and manages the received update data such that the update data can be
5 distinguished from the first data.

1 19. (New): The computer system of claim 18 wherein after the first instruction
2 from the host computer is received at the first storage system, the first disk controller stores the
3 update data either to the first storage area if the corresponding first data was already sent to the
4 second storage system or to a second storage area in the first storage system if the corresponding
5 first data was not sent to the second storage system.

1 20. (New): The computer system of claim 19 wherein before completion of
2 storing the first data stored to the fourth storage area, the second disk controller stores the update
3 data to a fifth storage area in the second storage system so that the first data can be distinguished
4 from the update data in the second storage system.

1 21. (New): The computer system of claim 18 wherein after the first instruction
2 from the host computer is received at the first storage system, the first disk controller:
3 stores the first data in the first storage area to a second storage area in the first
4 storage system;
5 sends the first data stored in the second storage area to the second disk controller,
6 if the first data was not sent to the second storage system; and
7 stores the corresponding update data to the first storage area after the first data is
8 stored in the second storage area.

1 22. (New): The computer system of claim 21 wherein after the second disk
2 controller receives the second instruction from the first disk controller, the second disk controller
3 stores the update data to the third storage area after the corresponding first data is stored in the
4 fourth storage area, so that the update data can be distinguished from the first data.

1 23. (New): A first storage system comprising:
2 a disk controller for receiving data from a host computer; and
3 one or more disks each of which is coupled to the disk controller;
4 wherein the disk controller stores data received from the host computer to a first
5 storage area of the first storage system and sends the data to a second storage system,
6 wherein after a first instruction from the host computer is received at the first
7 storage system, the disk controller:
8 sends to the second storage system, as received data, first data that is
9 stored in the first storage area at a time the first instruction has been received;
10 receives from the host computer update data corresponding to the first
11 data; and
12 manages the update data such that the update data can be distinguished
13 from the first data,
14 wherein the disk controller sends a second instruction to the second storage
15 system to make the second storage system hold the first data when transmission of the first data
16 is completed.

1 24. (New): The storage system of claim 23 wherein after the first instruction
2 from the host computer is received at the first storage system, the disk controller stores the
3 update data to the first storage area if the corresponding first data was already sent to the second
4 storage system, and the disk controller stores the update data to a second storage area in the first
5 storage system if the corresponding first data was not yet been sent to the second storage system.

1 25. (New): The computer system of claim 23 wherein after the first instruction
2 from the host computer is received at the first storage system:
3 the disk controller stores the first data in the first storage area to a second storage
4 area in the first storage system;
5 the disk controller sends the first data stored in the second storage area to the
6 second system, if the first data has not yet been sent to the second storage system, and
7 the disk controller stores the update data to the first storage area after
8 corresponded first data is stored in the second storage area.